

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010925\
 Data File : BF141107.D
 Acq On : 09 Jan 2025 16:26
 Operator : RC/JU
 Sample : Q1034-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SF-6-B

Quant Time: Jan 09 16:46:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 00:31:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

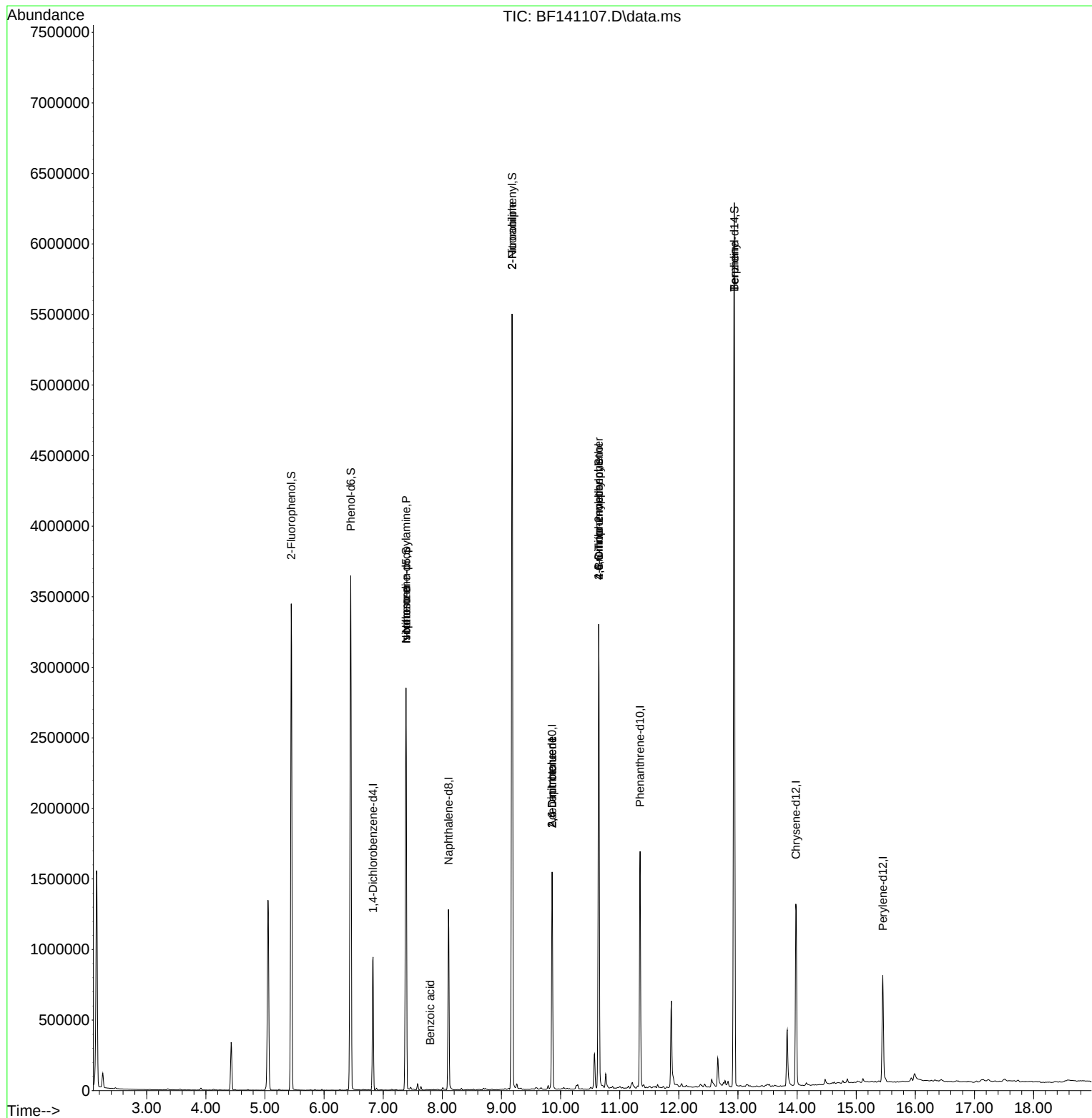
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	204172	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	819615	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	465212	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	840894	20.000	ng	0.00
76) Chrysene-d12	13.980	240	620276	20.000	ng	0.00
86) Perylene-d12	15.451	264	457793	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1378782	101.794	ng	0.01
7) Phenol-d6	6.451	99	1925056	110.327	ng	0.00
23) Nitrobenzene-d5	7.386	82	1386510	108.229	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	631724	139.747	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	2613143	89.494	ng	0.00
79) Terphenyl-d14	12.939	244	3356281	89.876	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.369	77	113	Below Cal	#	2
19) n-Nitroso-di-n-propyla...	7.386	70	192532	18.011	ng	# 77
25) Isophorone	7.386	82	1372952	49.250	ng	# 65
32) Benzoic acid	7.798	122	165	7.709	ng	# 58
48) 2-Nitroaniline	9.180	65	4960	5.264	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	60563	12.621	ng	# 23
57) 2,4-Dinitrotoluene	9.857	165	60564	11.687	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.645	198	1324	9.661	ng	# 1
67) 4-Bromophenyl-phenylether	10.645	248	38696	4.257	ng	# 1
77) Benzidine	12.939	184	44061	3.361	ng	# 92

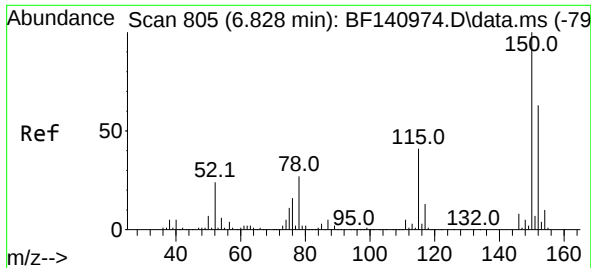
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010925\
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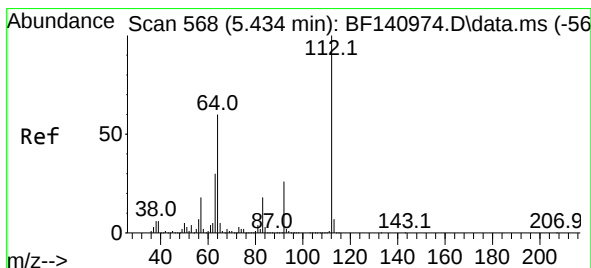
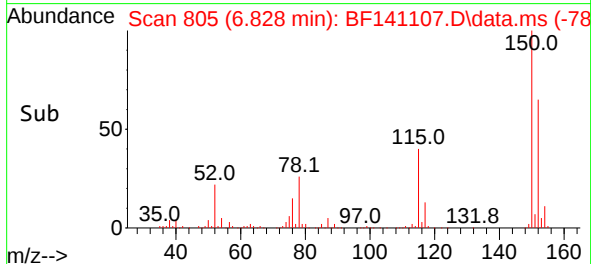
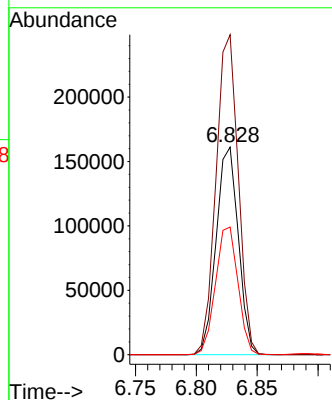
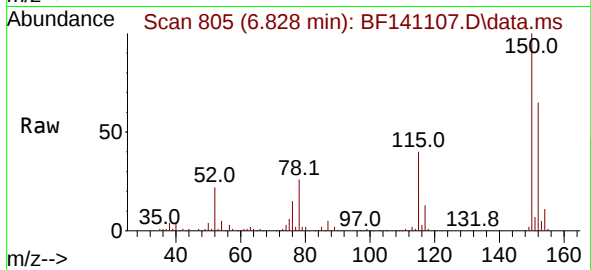




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF141107.D
 Acq: 09 Jan 2025 16:26

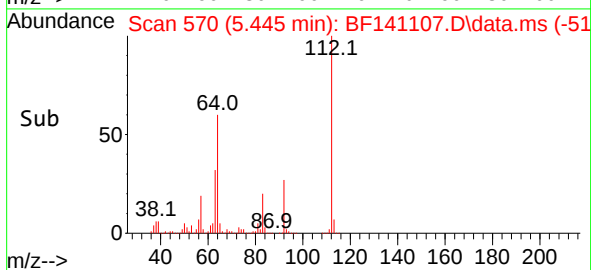
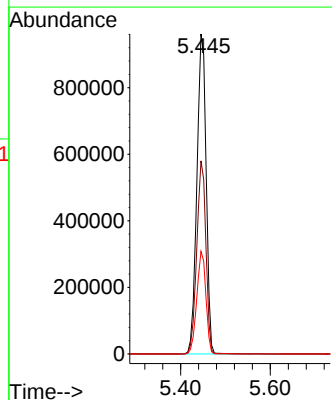
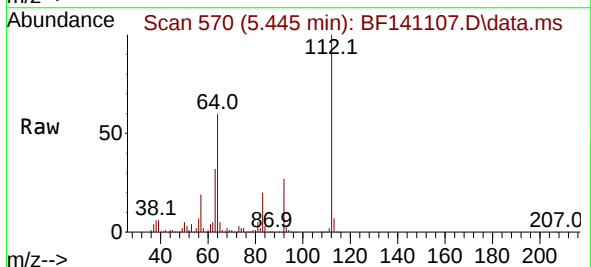
Instrument :
 BNA_F
 ClientSampleId :
 SF-6-B

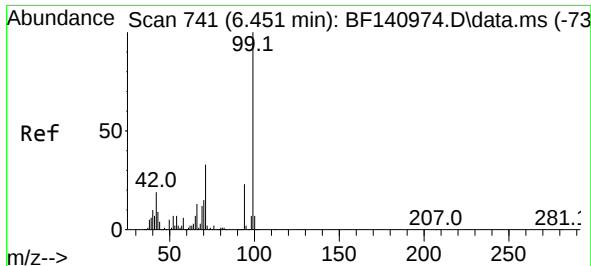
Tgt Ion:152 Resp: 204172
 Ion Ratio Lower Upper
 152 100
 150 154.1 127.0 190.6
 115 61.5 51.7 77.5



#5
 2-Fluorophenol
 Concen: 101.794 ng
 RT: 5.445 min Scan# 570
 Delta R.T. 0.012 min
 Lab File: BF141107.D
 Acq: 09 Jan 2025 16:26

Tgt Ion:112 Resp: 1378782
 Ion Ratio Lower Upper
 112 100
 64 60.3 47.7 71.5
 63 32.1 24.2 36.2

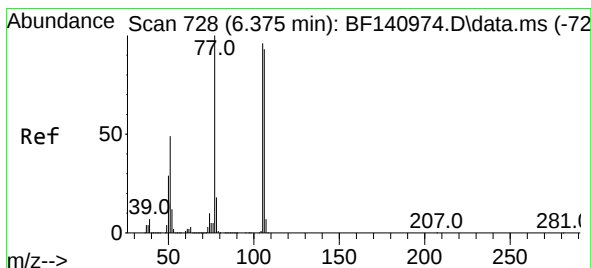
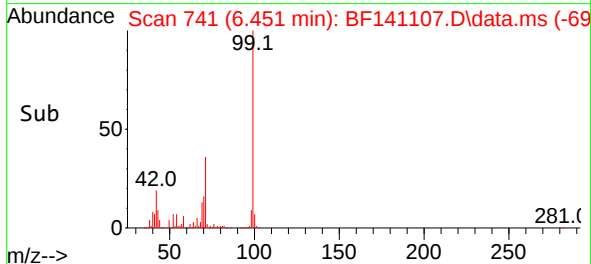
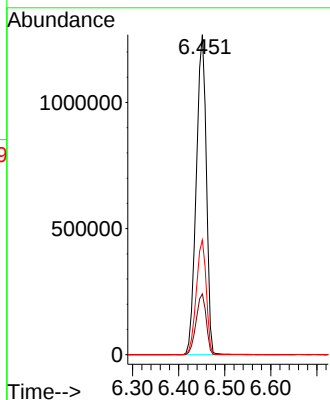
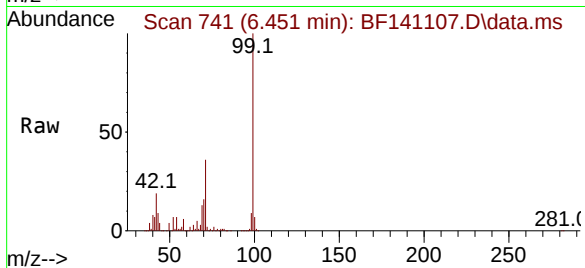




#7
Phenol-d6
Concen: 110.327 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF141107.D
Acq: 09 Jan 2025 16:26

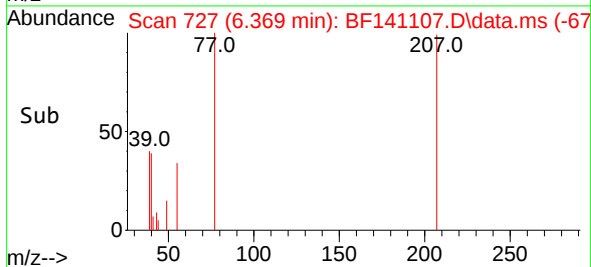
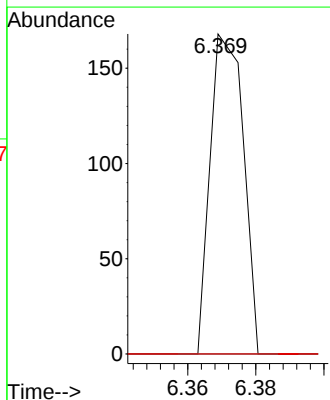
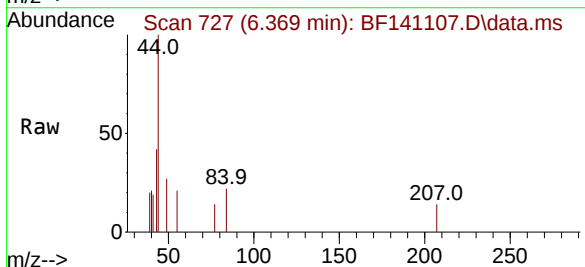
Instrument :
BNA_F
ClientSampleId :
SF-6-B

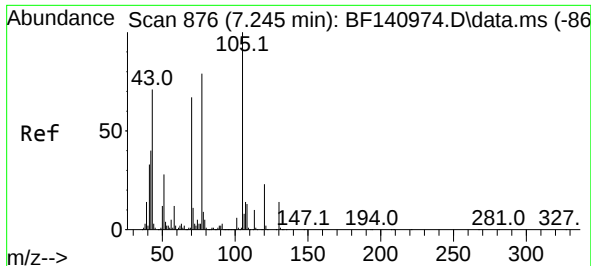
Tgt Ion: 99 Resp: 1925056
Ion Ratio Lower Upper
99 100
42 19.0 15.0 22.4
71 35.9 26.2 39.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.369 min Scan# 727
Delta R.T. -0.006 min
Lab File: BF141107.D
Acq: 09 Jan 2025 16:26

Tgt Ion: 77 Resp: 113
Ion Ratio Lower Upper
77 100
105 0.0 76.2 116.2#
106 0.0 73.4 113.4#

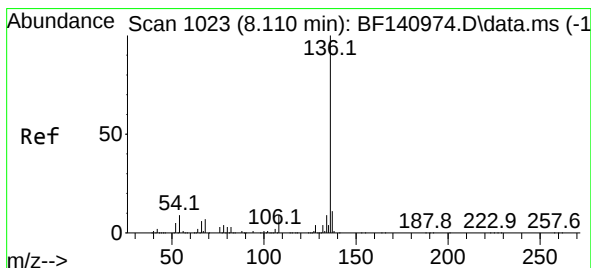
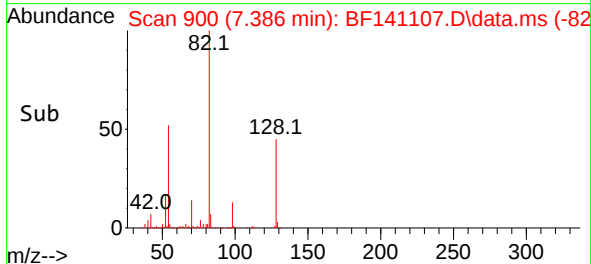
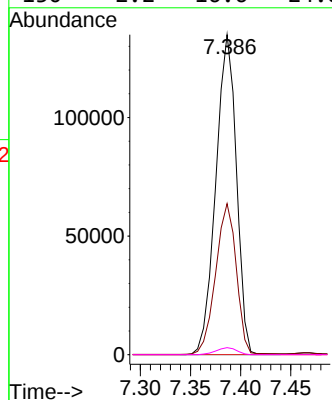
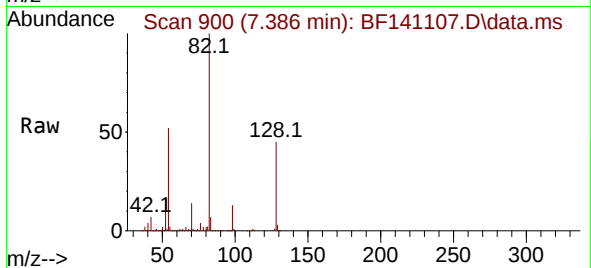




#19
n-Nitroso-di-n-propylamine
Concen: 18.011 ng
RT: 7.386 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF141107.D
Acq: 09 Jan 2025 16:26

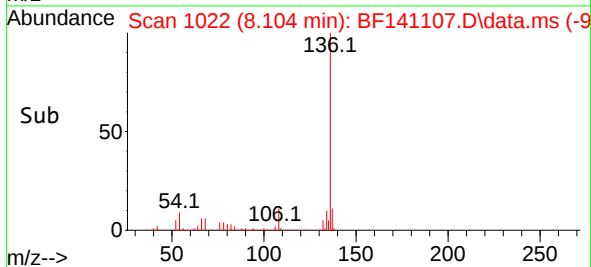
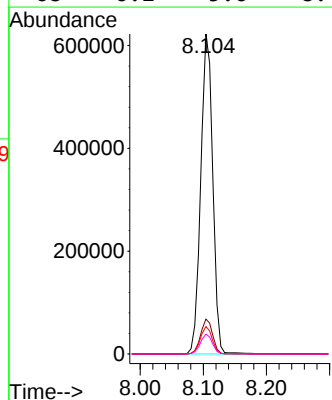
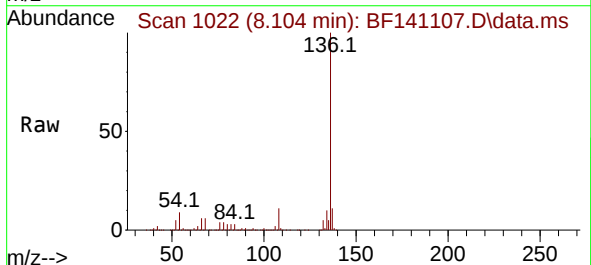
Instrument :
BNA_F
ClientSampleId :
SF-6-B

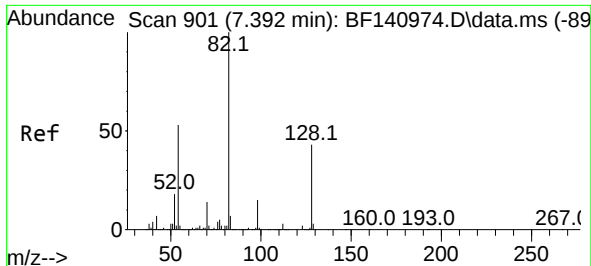
Tgt Ion: 70 Resp: 192532
Ion Ratio Lower Upper
70 100
42 47.2 48.1 72.1#
101 0.0 7.6 11.4#
130 2.2 16.6 24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF141107.D
Acq: 09 Jan 2025 16:26

Tgt Ion: 136 Resp: 819615
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.5 7.6 11.4
68 6.2 5.6 8.4

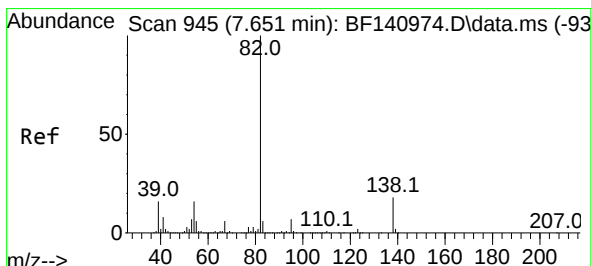
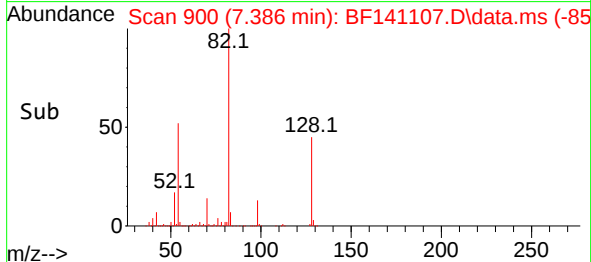
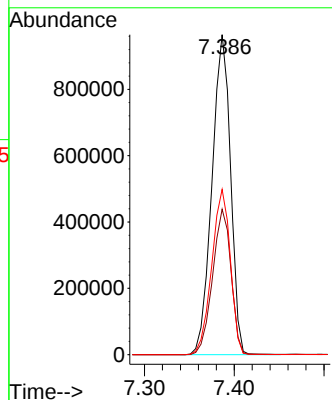
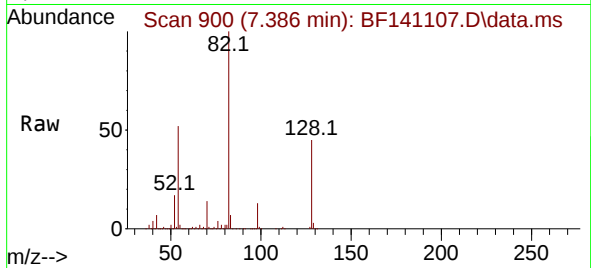




#23
Nitrobenzene-d5
Concen: 108.229 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF141107.D
Acq: 09 Jan 2025 16:26

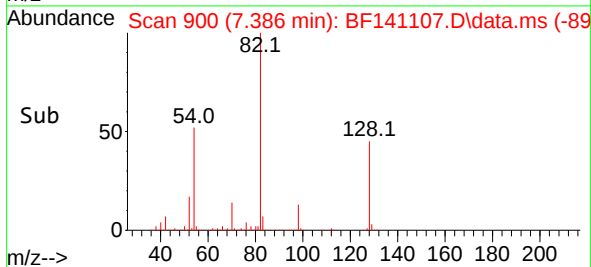
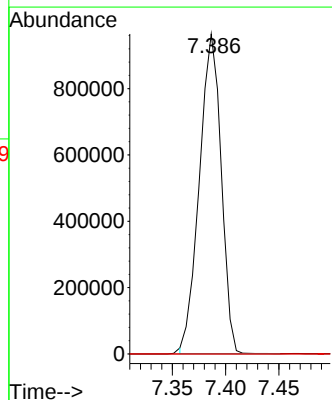
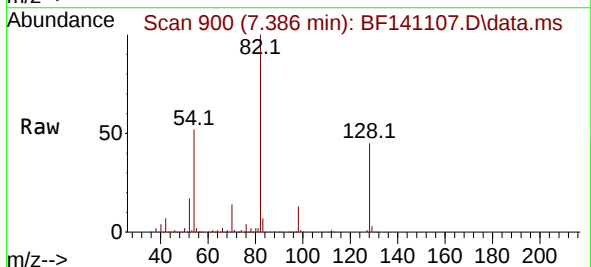
Instrument :
BNA_F
ClientSampleId :
SF-6-B

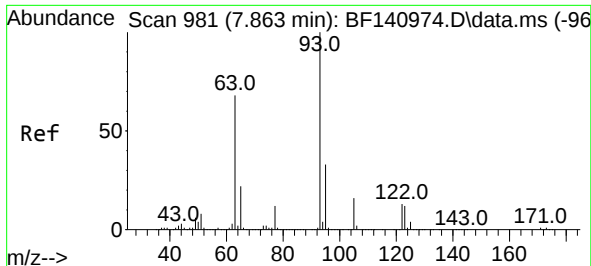
Tgt Ion: 82 Resp: 1386510
Ion Ratio Lower Upper
82 100
128 45.4 34.4 51.6
54 51.7 42.4 63.6



#25
Isophorone
Concen: 49.250 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF141107.D
Acq: 09 Jan 2025 16:26

Tgt Ion: 82 Resp: 1372952
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 21.8#

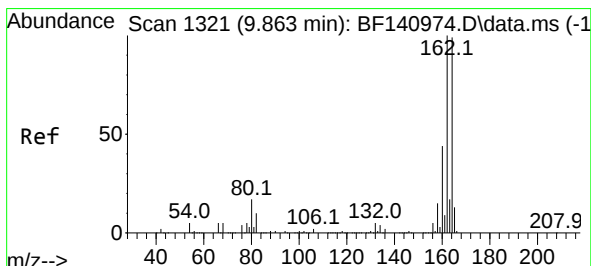
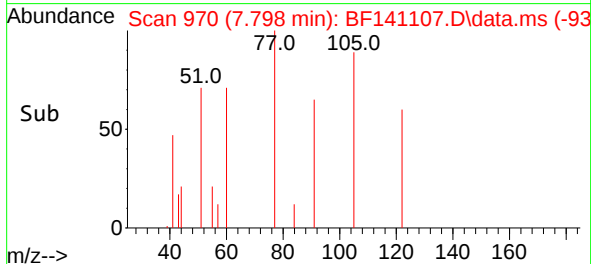
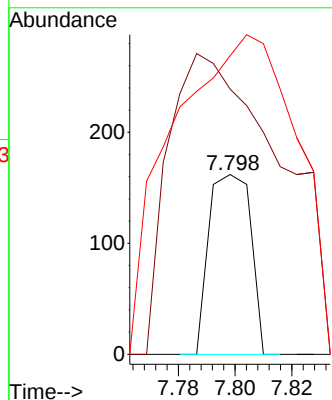
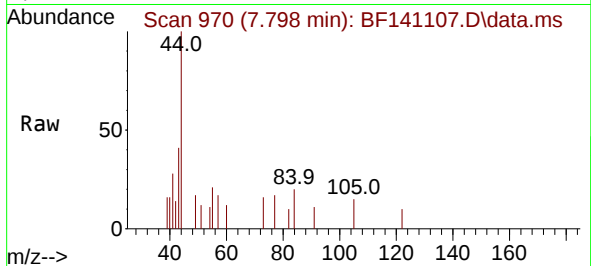




#32
Benzoic acid
Concen: 7.709 ng
RT: 7.798 min Scan# 91
Delta R.T. -0.065 min
Lab File: BF141107.D
Acq: 09 Jan 2025 16:26

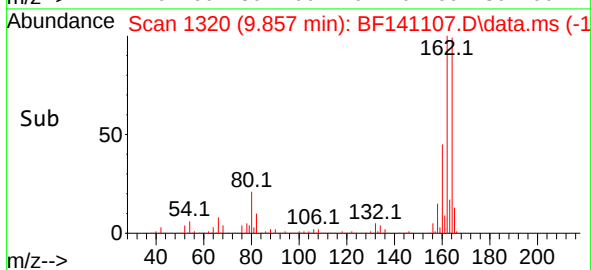
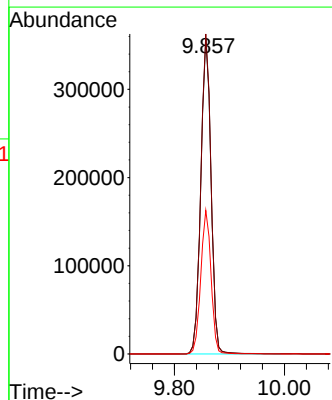
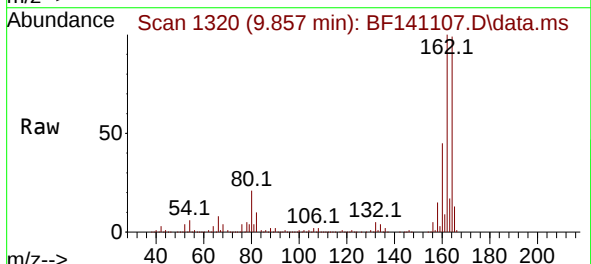
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ClientSampleId :
SF-6-B

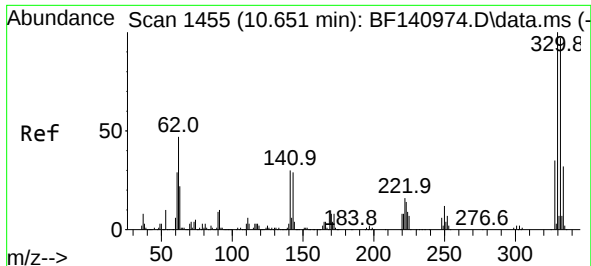
Tgt Ion:122 Resp: 165
Ion Ratio Lower Upper
122 100
105 147.5 105.4 145.4#
77 166.0 76.4 116.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF141107.D
Acq: 09 Jan 2025 16:26

Tgt Ion:164 Resp: 465212
Ion Ratio Lower Upper
164 100
162 101.3 80.6 120.8
160 45.4 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 139.747 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF141107.D

Acq: 09 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SF-6-B

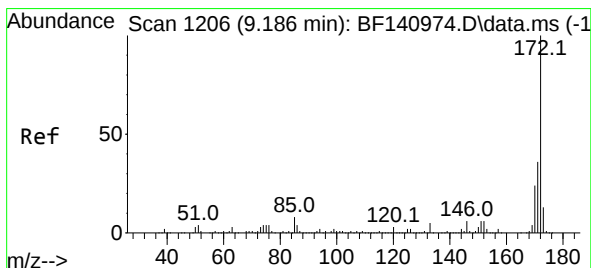
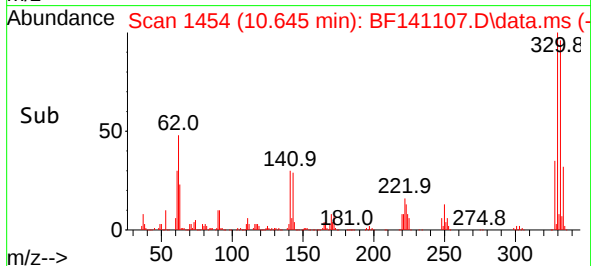
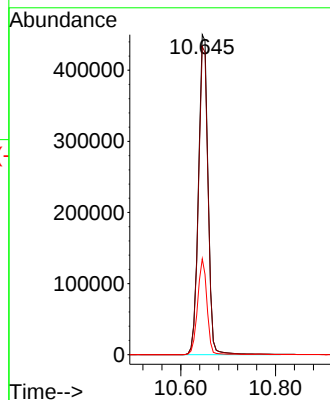
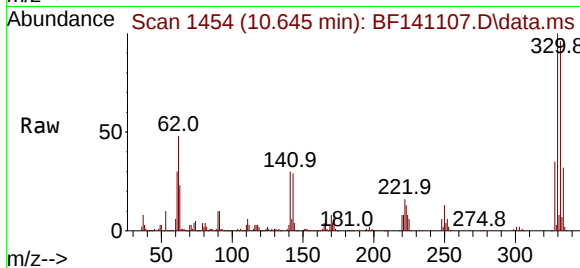
Tgt Ion:330 Resp: 631724

Ion Ratio Lower Upper

330 100

332 96.1 78.0 117.0

141 29.3 26.4 39.6



#45

2-Fluorobiphenyl

Concen: 89.494 ng

RT: 9.180 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF141107.D

Acq: 09 Jan 2025 16:26

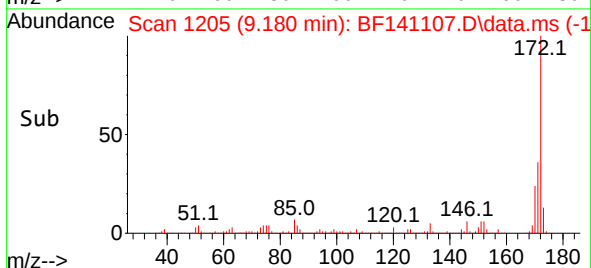
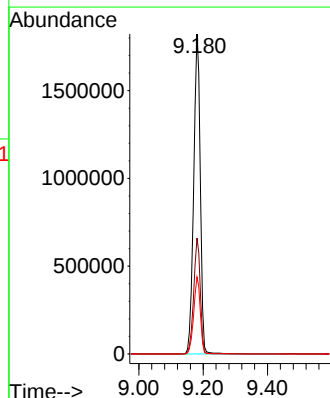
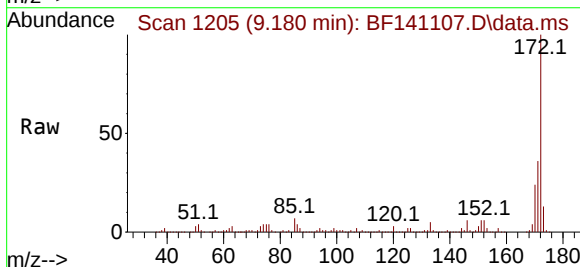
Tgt Ion:172 Resp: 2613143

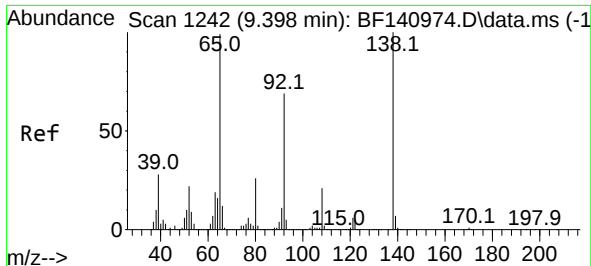
Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.4

170 24.1 19.6 29.4

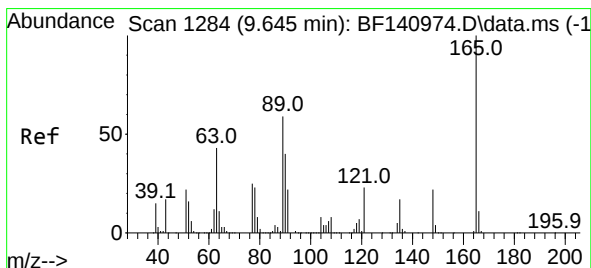
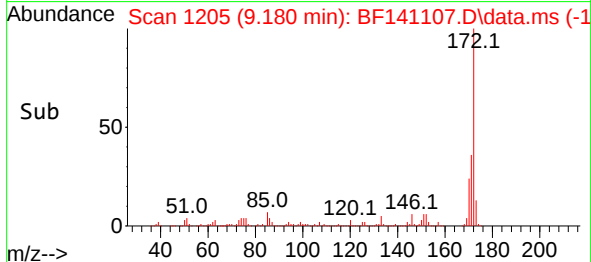
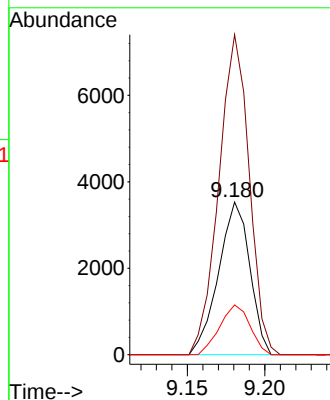
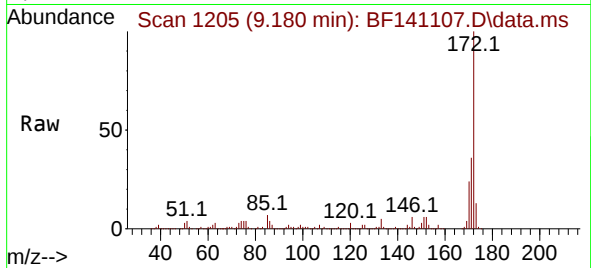




#48
2-Nitroaniline
Concen: 5.264 ng
RT: 9.180 min Scan# 11
Delta R.T. -0.218 min
Lab File: BF141107.D
Acq: 09 Jan 2025 16:26

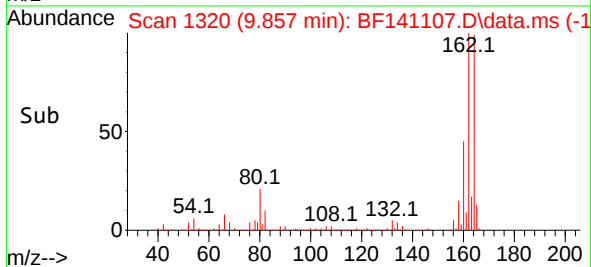
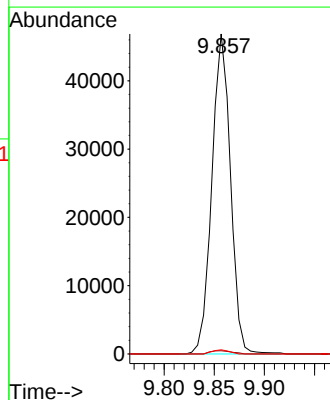
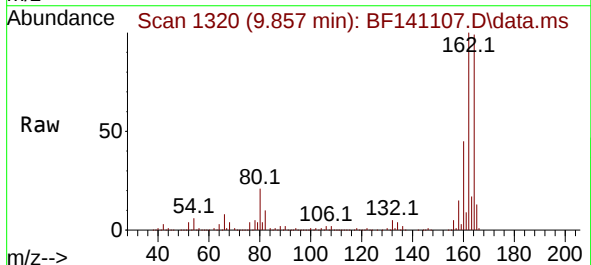
Instrument :
BNA_F
ClientSampleId :
SF-6-B

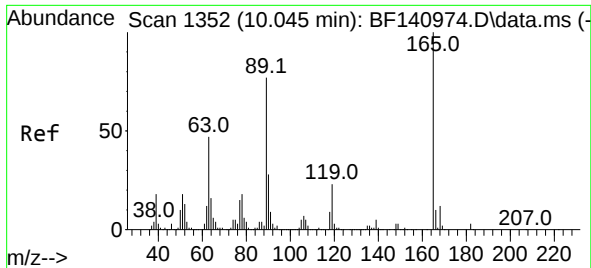
Tgt Ion: 65 Resp: 4960
Ion Ratio Lower Upper
65 100
92 209.7 55.6 83.4#
138 32.6 80.5 120.7#



#51
2,6-Dinitrotoluene
Concen: 12.621 ng
RT: 9.857 min Scan# 1320
Delta R.T. 0.212 min
Lab File: BF141107.D
Acq: 09 Jan 2025 16:26

Tgt Ion: 165 Resp: 60563
Ion Ratio Lower Upper
165 100
63 1.0 47.1 70.7#
89 1.3 47.0 70.4#

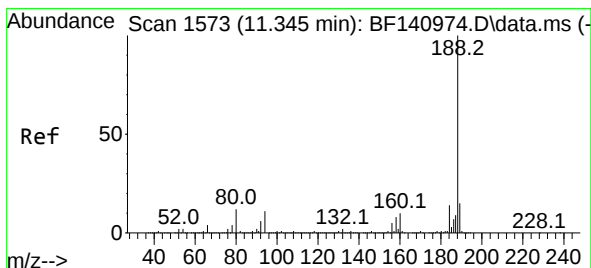
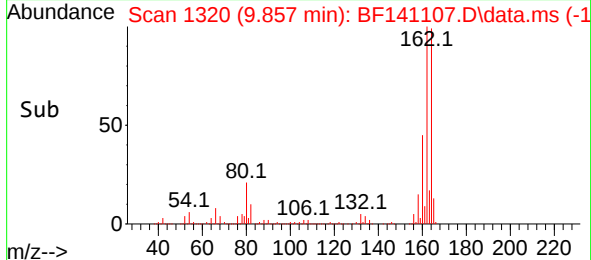
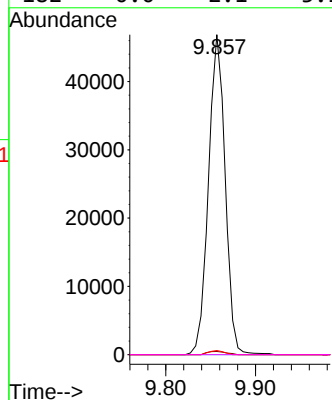
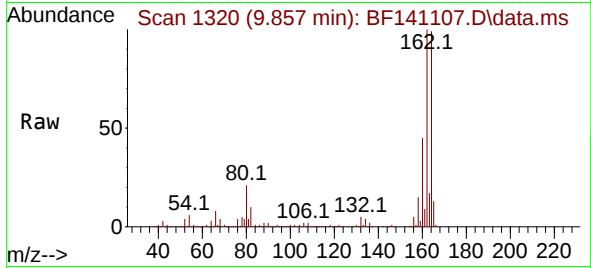




#57
2,4-Dinitrotoluene
Concen: 11.687 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF141107.D
Acq: 09 Jan 2025 16:26

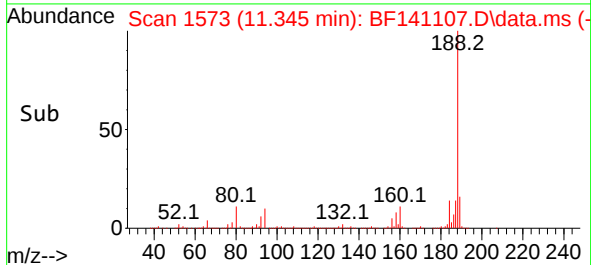
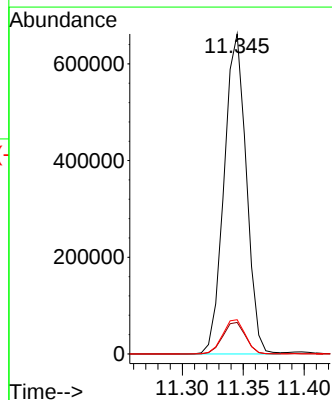
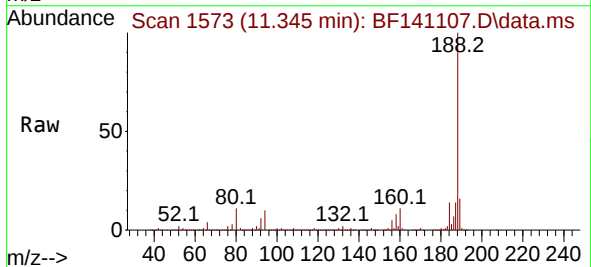
Instrument :
BNA_F
ClientSampleId :
SF-6-B

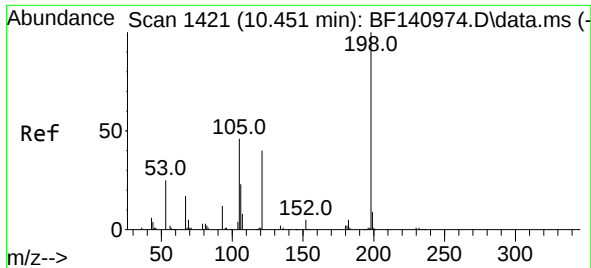
Tgt Ion:165 Resp: 60564
Ion Ratio Lower Upper
165 100
63 1.0 38.1 57.1#
89 1.3 61.4 92.2#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF141107.D
Acq: 09 Jan 2025 16:26

Tgt Ion:188 Resp: 840894
Ion Ratio Lower Upper
188 100
94 9.9 9.0 13.6
80 10.7 9.8 14.6

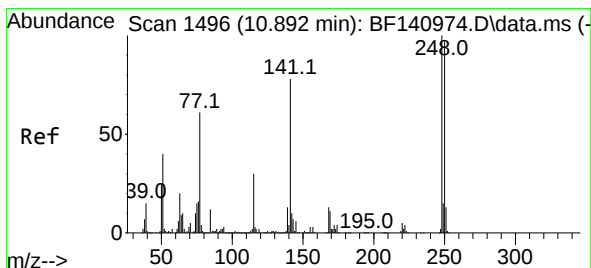
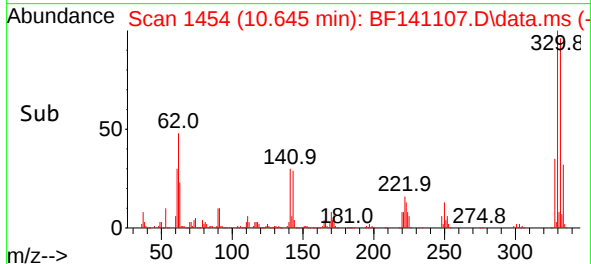
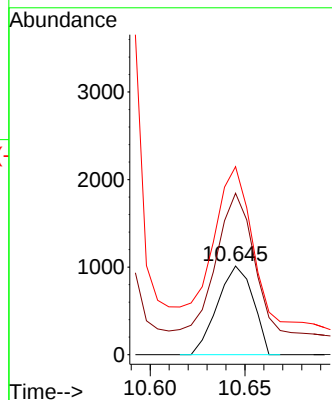
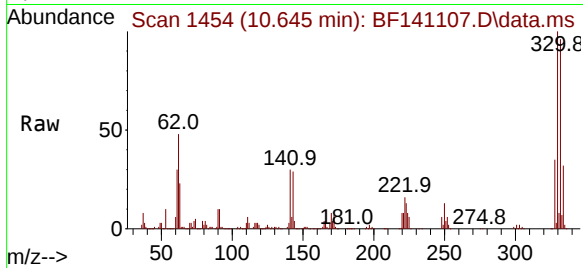




#65
4,6-Dinitro-2-methylphenol
Concen: 9.661 ng
RT: 10.645 min Scan# 1454
Delta R.T. 0.194 min
Lab File: BF141107.D
Acq: 09 Jan 2025 16:26

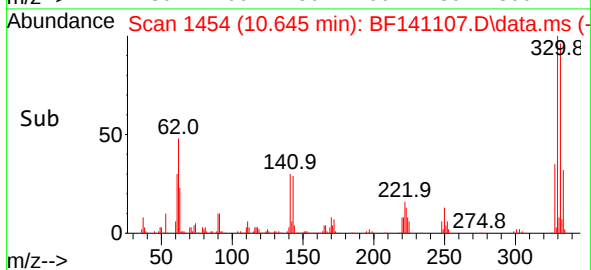
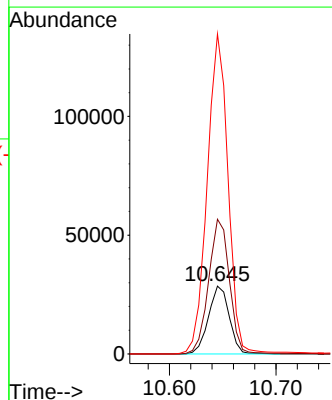
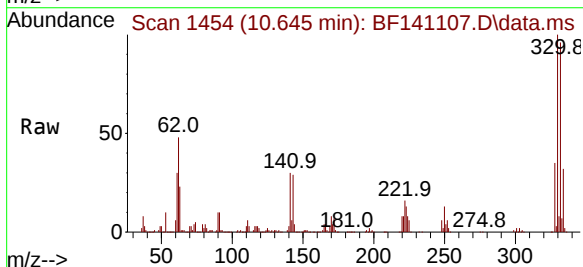
Instrument :
BNA_F
ClientSampleId :
SF-6-B

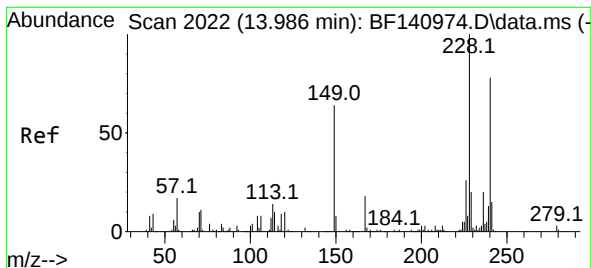
Tgt Ion:198 Resp: 1324
Ion Ratio Lower Upper
198 100
51 182.1 32.3 72.3#
105 212.2 28.4 68.4#



#67
4-Bromophenyl-phenylether
Concen: 4.257 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF141107.D
Acq: 09 Jan 2025 16:26

Tgt Ion:248 Resp: 38696
Ion Ratio Lower Upper
248 100
250 198.7 77.7 116.5#
141 472.0 62.1 93.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141107.D

Acq: 09 Jan 2025 16:26

Instrument :

BNA_F

ClientSampleId :

SF-6-B

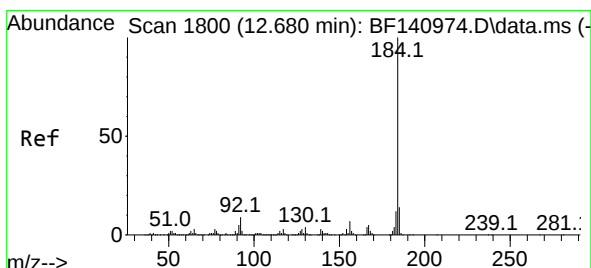
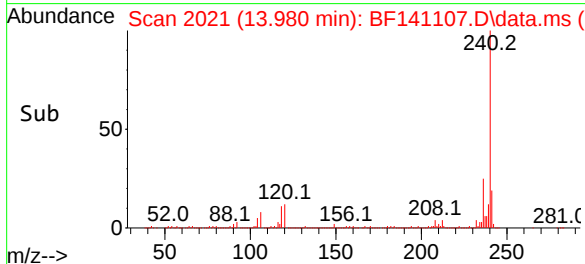
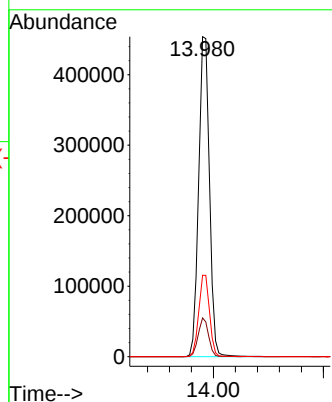
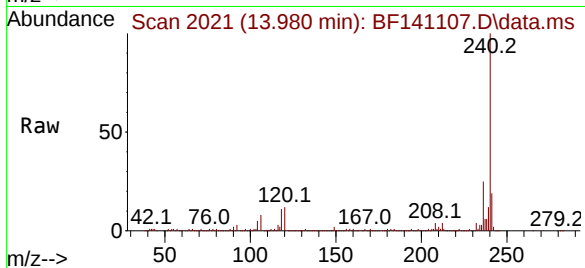
Tgt Ion:240 Resp: 620276

Ion Ratio Lower Upper

240 100

120 12.1 10.7 16.1

236 25.5 20.6 31.0



#77

Benidine

Concen: 3.361 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.259 min

Lab File: BF141107.D

Acq: 09 Jan 2025 16:26

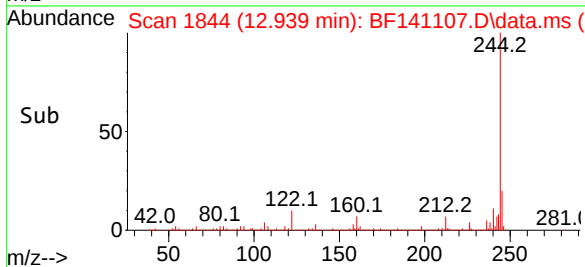
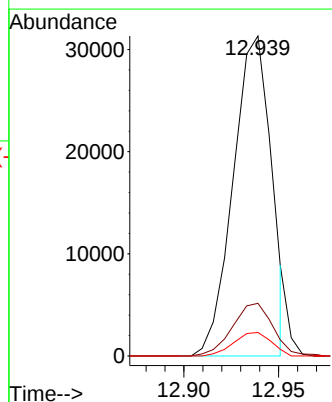
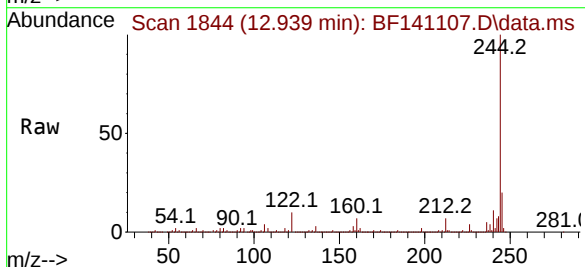
Tgt Ion:184 Resp: 44061

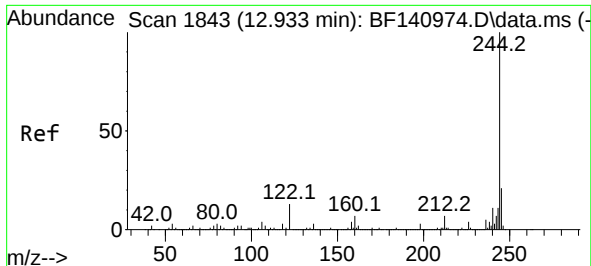
Ion Ratio Lower Upper

184 100

185 16.4 11.4 17.2

183 7.4 9.4 14.0#

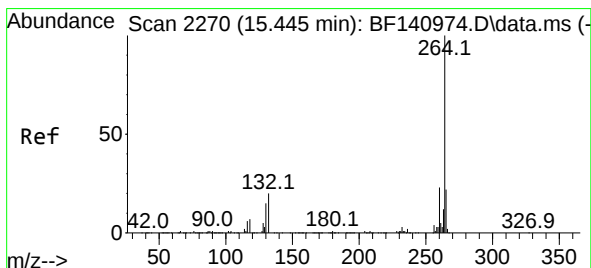
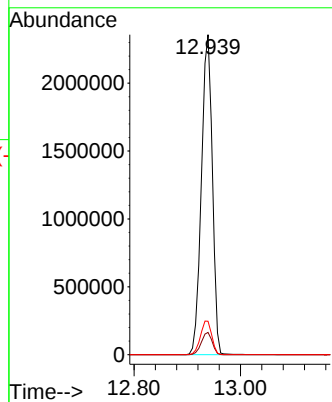
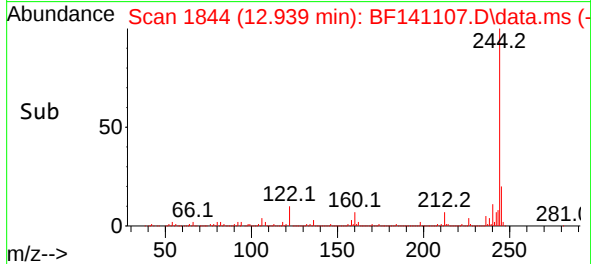
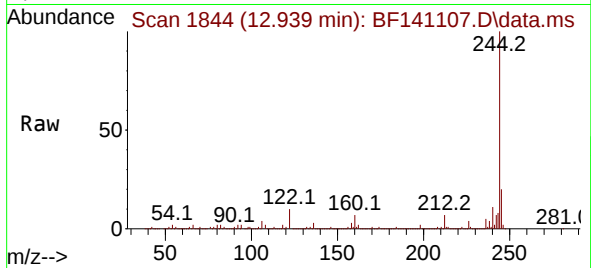




#79
 Terphenyl-d14
 Concen: 89.876 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. 0.006 min
 Lab File: BF141107.D
 Acq: 09 Jan 2025 16:26

Instrument :
 BNA_F
 ClientSampleId :
 SF-6-B

Tgt Ion:244 Resp: 3356281
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 10.4 10.2 15.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2271
 Delta R.T. 0.006 min
 Lab File: BF141107.D
 Acq: 09 Jan 2025 16:26

Tgt Ion:264 Resp: 457793
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 21.5 17.4 26.2

